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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,456	12/30/2003	Sadhana Gupta	TI-22558.1	2342

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EXAMINER

GARCIA, GABRIEL I

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/748,456

Applicant(s)

GUPTA ET AL.

Examiner

Gabriel I. Garcia

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. /

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

1. Applicant should update the continuation information to indicate that 09/397,540 has been issued as US Patent # 6,693,719.

2. Claim 1 is objected to because of the following informalities: It appears that the word "and" should be added before step (5) of claim 1. Appropriate correction is required.

Double Patenting

3. Claim 1 is rejected under the judicially created doctrine of the obviousness type double patenting of the claims in applicant's prior United States Patent No. 6,288,724. Although the designs are not identical, they are not patentably distinct from each other because both the pending application and the United States Patent No. 6,288,724 claims are directed to the same invention. (e.g. claim 1 of United States Patent No. 6,288,724, recites the representing the subject polygon; sorting the subject polygon; determining the greatest minimum; detecting all intersections; and forming trapezoids for all areas, which are claimed features of claim 1 of the current application. The obviousness type double patenting rejection is a judicially established doctrine based on public policy, and is primarily intended to prevent prolongation of monopoly by prohibiting a claim in a second patent not patentably distinguishable from a claim in a first patent.

A timely filed terminal disclaimer will obviate this rejection. (MPEP § 1490) *In re Vogel*, 164 USPQ 619 (CCPA 1970), 188 USPQ 356 (CCPA 1976).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Gupta et al. (6,693,719) represents a divisional application of the current application

Kumar et al. (6,567,182) teaches a scan conversion of polygons for printing file in a page description language).

Venkateswar et al. (6,532,016) teaches a method of processing print data using parallel raster image processing.

Chapma (6,128,767) teaches a polygon representation in an integrated circuit layout.

Rossin et al. (5,877,773) teaches a multi-pass clipping in a geometry accelerator.

Donohue (5,764,271) teaches a multi-mode printing circuit providing ROS printing correction.

Koss et al. (5,720,019) teaches a computer graphics system having high performance primitive clipping preprocessing.

Fossum (5,630,039) teaches a tessellating complex in polygons in modeling coordinates.

Obata (5,335,319) teaches a polygon division method and apparatus.

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Newman (5,295,235) teaches a polygon engine for updating computer graphic display employing compressed bit map data.

Fossum (5,276,783) teaches a tessellating complex polygons in modeling coordinates.

Diefendorff et al. (5,268,995) teaches a method for executing graphics z-compare and pixel merge instructions in a data processor.

Cain (5,129,051) teaches decomposition of arbitrary polygons into trapezoids.

Akeley et al. (5,051,737) teaches an efficient graphics process for clipping polygons.

Piazza (4,958,305) teaches a polygon edge clipping method.

5.. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gabriel I. Garcia whose telephone number is (571) 272-7434. The Examiner can normally be reached Monday-Thursday from 7:30 AM-6:00 PM. The fax phone number for this group is (571)-273-8300.

On July 15, 2005, the Central FAX Number will change to 571-273-8300. This new Central FAX Number is the result of relocating the Central FAX server to the Office's Alexandria, Virginia campus.

Most facsimile-transmitted patent application related correspondence is required to be sent to the Central FAX Number. To give customers time to adjust to the new Central FAX Number, faxes sent to the old number (703-872-9306) will be routed to the new number until September 15, 2005.

After September 15, 2005, the old number will no longer be in service and 571-273-8300 will be the only facsimile number recognized for "centralized delivery".

CENTRALIZED DELIVERY POLICY: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies. For example, if the examiner has rejected claims in a regular U.S. patent application,

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and the reply to the examiner's Office action is desired to be transmitted by facsimile rather than mailed, the reply must be sent to the Central FAX Number.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2600.

GABRIEL GARCIA
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read 'Gabriel Garcia', written over the printed name and title.

Gabriel I. Garcia
Primary Examiner
September 18, 2005